

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 11780
Application ID: 09681963
Title of Invention: METHOD AND APPARATUS FOR
LIMITING MOVEMENT IN ELECTRICAL
CONTACTORS
First Named Inventor: Patrick McGill
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2001-06-29
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 41PR-7875
Digital Certificate Holder: cn=Joseph Anthony Lanahan, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S. Government,
c=US
Certificate Message Digest: kzza5msveUDmptMbQA6Nug==
Total Fees Authorized: \$1028.0
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Deposit Account Number: 12384
Deposit Account Name: Joseph A. Lanahan



TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:

41PR-7875

METHOD AND APPARATUS FOR LIMITING MOVEMENT IN ELECTRICAL CONTACTORS

First Named Inventor: Patrick McGill

SUBMITTED BY

Name:

Joseph A. Lanahan

Registration Number:

47,732

Electronic Signature Mark: Joseph A.
Lanahan

Date Signed: 20010629

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

specification	Specification.xml
declaration	Dec1.tif
declaration	Dec2.tif
declaration	Dec3.tif
fee-transmittal	41PR-7875fee.xml
patent-assignment	41PR-7875asgn.xml
bibd-transmittal	41PR-7875apds.xml

Dec3.tif

Variable	Mean	Standard Deviation	Minimum	Maximum
Age	34.5	10.2	21	55
Gender	0.5	0.5	0	1
Marital Status	0.7	0.5	0	1
Education	12.5	1.5	9	16
Income	1500	500	500	3000
Health	0.8	0.4	0	1
Smoking	0.3	0.5	0	1
Alcohol	0.2	0.4	0	1
Exercise	0.5	0.5	0	1
Stress	0.6	0.5	0	1
Sleep	0.7	0.4	0	1
Diet	0.6	0.5	0	1
Work	0.8	0.4	0	1
Family	0.9	0.3	0	1
Friends	0.7	0.4	0	1
Hobbies	0.6	0.5	0	1
Travel	0.5	0.5	0	1
Shopping	0.4	0.5	0	1
Reading	0.3	0.5	0	1
TV	0.2	0.4	0	1
Music	0.1	0.3	0	1
Gardening	0.05	0.2	0	1
Volunteering	0.02	0.1	0	1
Religion	0.01	0.05	0	1
Politics	0.005	0.02	0	1
Art	0.002	0.01	0	1
Sports	0.001	0.005	0	1
Technology	0.0005	0.002	0	1
Environment	0.0001	0.0005	0	1
Philosophy	0.00005	0.0002	0	1
Science	0.00001	0.00005	0	1
History	0.000005	0.00002	0	1
Language	0.000001	0.000005	0	1
Mathematics	0.0000005	0.000002	0	1
Physics	0.0000001	0.0000005	0	1
Chemistry	0.00000005	0.0000002	0	1
Biology	0.00000001	0.00000005	0	1
Medicine	0.000000005	0.00000002	0	1
Law	0.000000001	0.000000005	0	1
Business	0.0000000005	0.000000002	0	1
Economics	0.0000000001	0.0000000005	0	1
Psychology	0.00000000005	0.0000000002	0	1
Sociology	0.00000000001	0.00000000005	0	1
Anthropology	0.000000000005	0.00000000002	0	1
Geography	0.000000000001	0.000000000005	0	1
Environmental Science	0.0000000000005	0.000000000002	0	1
Political Science	0.0000000000001	0.0000000000005	0	1
Communication	0.00000000000005	0.0000000000002	0	1
Education	0.00000000000001	0.00000000000005	0	1
Health Sciences	0.000000000000005	0.00000000000002	0	1
Engineering	0.000000000000001	0.000000000000005	0	1
Computer Science	0.0000000000000005	0.000000000000002	0	1
Information Systems	0.0000000000000001	0.0000000000000005	0	1
Management	0.00000000000000005	0.0000000000000002	0	1
Marketing	0.00000000000000001	0.00000000000000005	0	1
Finance	0.000000000000000005	0.00000000000000002	0	1
Accounting	0.000000000000000001	0.000000000000000005	0	1
Operations	0.0000000000000000005	0.000000000000000002	0	1
Logistics	0.0000000000000000001	0.0000000000000000005	0	1
Supply Chain	0.00000000000000000005	0.0000000000000000002	0	1
Manufacturing	0.00000000000000000001	0.00000000000000000005	0	1
Construction	0.000000000000000000005	0.00000000000000000002	0	1
Architecture	0.000000000000000000001	0.000000000000000000005	0	1
Design	0.0000000000000000000005	0.000000000000000000002	0	1
Art	0.0000000000000000000001	0.0000000000000000000005	0	1
Music	0.00000000000000000000005	0.0000000000000000000002	0	1
Dance				

Comments:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	

COMBINED DECLARATION AND POWER OF ATTORNEY	Attorney Docket No. 41PR-7875
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Attorney Docket No.
41PR-7875

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR LIMITING MOVEMENT IN ELECTRICAL CONTACTORS, (Docket No. 41PR-7875)** the specification of which:

(check one) ☒ [T] is attached hereto

☐ [] was filed on _____ as Application Serial No. _____
 and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby claim priority benefits under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented , pending, abandoned)

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date	Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

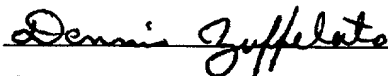
I hereby appoint Ronald E. Myrick, Reg. No. 26,315; Henry J. Policinski, Reg. No. 26,621; Jay L. Chaskin, Reg. No. 24,030; Henry I. Steckler, Reg. No. 24,139; and James W. Mitchell, Reg. No. 25602, all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431; Carl B. Horton, Reg. No. 34,622; Damian G. Wasserbauer, Reg. No. 34,749; and Dave S. Christensen, Reg. No. 40,955, all of General Electric Company, 41 Woodford Avenue, Plainville, CT 06062; and John S. Beulick, Reg. No. 33,338 and Patrick W. Rasche, Reg. No. 37,916, all of Armstrong Teasdale LLP, One Metropolitan Square, Suite 2600, St. Louis, MO 63102, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to the said

John S. Beulick, Reg. No. 33,338
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102.
Telephone No. (314) 621-5070.

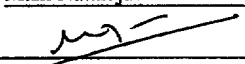
COMBINED DECLARATION AND POWER OF ATTORNEY**Attorney Docket No.
41PR-7875**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

SOLE OR FIRST INVENTOR:Full Name: Patrick McGillSignature: Date: 6/26/01Residence: Marlborough, CTCitizenship: United StatesPost Office Address: 48 Jerry Daniels Road, Marlborough, CT 06447**SECOND JOINT INVENTOR, IF ANY:**Full Name: Dennis ZuffelatoSignature: Date: 6/26/01Residence: Kensington, CTCitizenship: United StatesPost Office Address: 235 Heritage Drive, Kensington, CT 06037**THIRD JOINT INVENTOR, IF ANY:**Full Name: Thuong PhungSignature: Date: 06/27/01Residence: Bristol, CTCitizenship: United StatesPost Office Address: 233 Redstone Hill Road C5, Bristol, CT 06010**FOURTH JOINT INVENTOR, IF ANY:**Full Name: Javier LarranagaSignature: Date: 6/27/01Residence: Bristol, CTCitizenship: United StatesPost Office Address: 95 Rossi Drive, Bristol, CT 06010

COMBINED DECLARATION AND POWER OF ATTORNEY**Attorney Docket No.
41PR-7875**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

FIFTH JOINT INVENTOR, IF ANY:Full Name: Mani NatarajanSignature: Date: 05/30/2001Residence: Bangalore, IndiaCitizenship: IndiaPost Office Address: 512, 12th Main, 7th Sector, HSR Layout, Bangalore, India 560034**SIXTH JOINT INVENTOR, IF ANY:**Full Name: Agali RamadeviSignature: Date: 05/30/2001Residence: Bangalore, IndiaCitizenship: IndiaPost Office Address: #73, 8th B Main, J-Block, Koramangala, Bangalore, India 560034**SEVENTH JOINT INVENTOR, IF ANY:**Full Name: AnilKumar D. PanditSignature: Date: 05/30/2001Residence: Bangalore, IndiaCitizenship: IndiaPost Office Address: BIII/2, Dattaprasad, 10th Main, Malleswaram, Bangalore-560003, India

FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1028

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 01-2384



Deposit Account Name: Armstrong Teasdale LLP

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Joseph A. Lanahan

Electronic Signature Mark: Joseph A. Lanahan

Date Signed: 20010629

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 31	103	\$ 18	11	\$ 198
Independent Claims: 4	102	\$ 80	1	\$ 80

Subtotal For Extra Claims Fees: \$ 278

[illegible]

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40